

Serial No. 09/683,546

IN THE SPECIFICATION

Please amend paragraph 83 of the specification as follows:

[p83]Alternatively, the model can use conductance versus impedance when creating the model. FIGS 4a, 4b, and 4c help illustrate this. They provideE examples of variable conductance as a function of device voltage and time. The same starting equation can be used in accounting for variations in temperature and supply voltages, except that conductance is substituted for impedance. i.e., dc conductance = (1+D0)*dc base, where D0 is a function of supply voltage and temperature.

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